## PATENT COOPERATION TREATY

# **PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 26085 WO	FOR FURTHER  see Form PCT/ISA/220  ACTION  as well as, where applicable, item 5 below.		
nternational application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)	
PCT/EP2005/000841	28/01/2005	30/01/2004	
IXIS FRANCE S.A.			
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this international Searching Autansmitted to the International Bureau.	hority and is transmitted to the applicant	
This International Search Report consists  It is also accompanied by	of a total of 6 sheets.  a copy of each prior art document cited in this	s report.	
Basis of the report     With regard to the language, the language in which it was filed, unli	international search was carried out on the ba less otherwise indicated under this item.	sis of the international application in the	
this Authority (Ru	le 23.1(b)).	lation of the international application furnished to	
	nd unsearchable (See Box II).	ш ине внегнавона: аррксавон, see вох no. i.	
3. Unity of invention is lace	king (see Box III).		
. With regard to the title,			
the text is approved as su	**		
the text has been established	hed by this Authority to read as follows:		
5. With regard to the abstract,			
the text is approved as sui			
the text has been establish may, within one month from	hed, according to Rule 38.2(b), by this Authori m the date of mailing of this international sear	ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.	
. With regard to the drawings,		•	
a. the figure of the drawings to be po	ublished with the abstract is Figure No		
as suggested by the			
	s Authority, because the applicant failed to sug	- •	
	s Authority, because this figure better characte	rizes the Invention.	
b X none of the figures in to be	Southillational width the absence		

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2005/000841

Box	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of Item 1.b of the first sheet)
1.	With Inver	regard to any nucleotide and/or amino acid sequence disclosed in the International application and necessary to the claimed nation, the international search was carried out on the basis of:  type of material
		a sequence listing table(s) related to the sequence listing
	b.	format of material  X in written format  X in computer readable form
	c.	Contained in the international application as filed     If the international application in computer readable form furnished subsequently to this Authority for the purpose of search
2.		In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3.	Addit	ional comments:

#### INTERNATIONAL SEARCH REPORT

International Application No

	<del></del>		1/EP2005/000841
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C12N15/81 C12N1/15 C12N1	/19	
According to	o International Patent Classification (IPC) or to both national cla	ssification and IPC	
	SEARCHED		
Minimum do IPC 7	ocumentation searched (classification system followed by class ${\tt C12N}$	fication symbols)	
Documental	lion searched other than minimum documentation to the extent	that such documents are included in	n the fields searched
	ala base consulted during the International search (name of daternal, WPI Data, PAJ, MEDLINE	ia base and, where practical, searc	ch terms used)
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the	ne relevant passages	Relevant to claim No.
A	PALUH J L ET AL: "MUTATIONAL THE GENE FOR SCHIZOSACCAROMYCE RNASE MRP RNA, MRPL, USING PLA BY COUNTERSELECTION ON CANAVAN YEAST, CHICHESTER, SUSSEX, GB, vol. 12, no. 14, November 1996 pages 1393-1405, XP001000809 ISSN: 0749-503X the whole document	S POMBE SMID SHUFFLE INE"	1-44
X Furth	ner documents are listed in the continuation of box C.	Patent family membe	rs are listed in annex.
"A' docume conside "E' earlier difling de "L' docume which I citation "O' docume other no "P' docume later the	nt which may throw doubts on priority claim(s) or is cited to establish the publication date of another or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or neans ent published prior to the international filing date but can the priority date claimed	or priority date and not in cited to understand the p invention  'X' document of particular relecannot be considered no involve an inventive step  'Y' document of particular relecannot be considered to document is combined w ments, such combination in the art.  '&' document member of the	wel or cannot be considered to when the document is taken alone evance; the claimed invention involve an inventive step when the fifth one or more other such docuble being obvious to a person sidiled same patent family
	octual completion of the international search  June 2005	Date of mailing of the Intel	mational search report
	nailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.	Authorized officer	
	Tel. (+31-70) 340-2040, 1X. 31 651 epo ni,	Stovanov. E	3

### INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2005/000841

		PCT/EP2005/000841
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
ategory *	Ctation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	ABECASSIS V. ET AL.: "High efficiency family shuffling based on multi-step PCR and in vivo Dna recombination in yeast: statistical and functional analysis of a combinatorial library between human cytochrome P450 1A1 and 1A2." NUCLEIC ACIDS RESEARCH, vol. 28, no. 20, 15 October 2000 (2000-10-15), pages E88-E88, XP002331294 the whole document	1-44
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#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.:

The subject matter of the present claims is defined with only vague and unclear terms. like for instance "recombination cassette", "marker", or with entirely internal designations like "pMXY12" or "pMXY9" and the like. Therefore, present claims 1-44 relate to an extremely large number of possible compounds and methods. In fact, the claims contain so many options, that a lack of clarity (and conciseness) within the meaning of Article 6 PCT arises to such an extent as to render a meaningful search of the claims impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear (and concise), namely those compounds/methods recited in the examples.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

International application No. PCT/EP2005/000841

## INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.:  because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.